

ABSTRACT OF THE DISCLOSURE

A direct-acting type diecasting machine having an inexpensive and simplified hydraulic circuit is provided, which includes: a mold clamping cylinder for clamping and opening/closing a mold in a direct-acting manner; a single two-way hydraulic pump driven by a driving motor for supplying hydraulic fluid to the mold clamping cylinder in two directions; a hydraulic circuit for driving the mold clamping cylinder by controlling supply of hydraulic fluid from the two-way hydraulic pump to the mold clamping cylinder and discharge of hydraulic fluid from the mold clamping cylinder which proceeds in accordance with movement of a piston of the mold clamping cylinder; and a hydraulic controller for controlling rotational speed of the driving motor associated with the two-way hydraulic pump in opening/closing the mold at high speed and controlling torque of the driving motor in clamping the mold.